

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Docket Number (Optional)

TXY-008.01(22254-801)

Application Number

09/932,210

Applicant

Maczura et al

Filing Date

August 17, 2001

Group Art Unit

2877

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FE	EA	US 5,461,229	10/24/95	Sauter et al.	250	253
FE	EB	US 5,548,115	08/20/96	Ballard et al.	250	253
FE	EC	US 5,739,536	04/14/98	Bucholtz et al.	250	341.2

FOREIGN PATENT DOCUMENTS

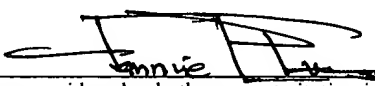
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS*(Including Author, Title, Date, Pertinent Pages Etc.)*

FE	ED	Partial International Search Report Mailed on September 28, 2001

EXAMINER

DATE CONSIDERED



8-2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

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DS	US 4,441,979	04/10/84	Dailey	204	402	
DT	US 5,205,293	04/27/93	Ito	128	691	
CU	US 5,179,025	01/12/93	Koontz et al	436	52	
DY	US 5,503,006	04/02/96	Babaian-Kibala et al.	73	86	
DW	US 5,654,496	08/05/97	Thompson	73	1.01	
DX	US 5,957,773	09/28/99	Olmsted et al.	460	7	
DY	US 6,100,526	08/08/00	Mayes	250	339.11	

FOREIGN PATENT DOCUMENTS

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						YES	NO

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(Including Author, Title, Date, Pertinent Pages Etc.)

DS	DZ	Derwent abstract of SU 514111A, Acc. No. 1977-A3525Y, "Model Radial Axial Hydraulic Turbine Installation with Test Probe Holder at Lower Blade Ring", Patent-assignee: Lengd Metal WKS.

EXAMINER

DATE CONSIDERED



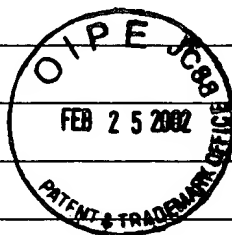
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>fel</i>	AA	4,658,147	04/14/87	Eldering	356	328
<i>fel</i>	AB	4,968,143	11/06/90	Weston	356	328
<i>fel</i>	AC	4,729,247	03/88	Brown		



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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>fel</i>	AD	EP 0 806 653	05/97	European Patent Application	—	—	X
<i>fel</i>	AE	JP 11-83627A	03/99	Japan	—	—	X

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<i>Fib</i>	AA	US 3,281,597	10/25/66	M. Greenberg	250	43.5
<i>Fib</i>	AB	US 3,773,424	11/20/73	Selgin	356	181
<i>Fib</i>	AC	US 4,003,660	01/18/77	Christie, Jr. al.	356	178
<i>Fib</i>	AD	US 4,260,262	04/07/81	Webster	356	418
<i>Fib</i>	AE	US 4,260,263	04/07/81	Kummer	356	448
<i>Fib</i>	AF	US 4,266,878	05/12/81	Auer	356	419
<i>Fib</i>	AG	US 4,286,327	08/25/81	Rosenthal et al.	364	498
<i>Fib</i>	AH	US 4,403,191	09/06/83	Satake	324	452
<i>Fib</i>	AI	US 4,540,286	09/10/85	Satake et al.	356	445
<i>Fib</i>	AJ	US 4,627,008	12/02/86	Rosenthal	364	550
<i>Fib</i>	AK	US 4,692,620	09/08/87	Rosenthal	250	343
<i>Fib</i>	AL	US 4,752,689	06/21/88	Satake	250	339
<i>Fib</i>	AM	US 4,806,764	02/21/89	Satake	250	339
<i>Fib</i>	AN	US 4,997,280	03/05/91	Norris	356	308
<i>Fib</i>	AO	US 5,021,662	06/04/91	Johnson	250	343
<i>Fib</i>	AP	US 5,092,819	03/03/92	Schroeder et al.	460	7
<i>Fib</i>	AQ	US 5,106,339	04/21/92	Braun et al.	460	7
<i>Fib</i>	AR	US 5,128,882	07/07/92	Cooper et al.	364	550
<i>Fib</i>	AS	US 5,148,288	09/15/92	Hannah	358	298
<i>Fib</i>	AT	US 5,155,628	10/13/92	Dosmann	359	640
<i>Fib</i>	AU	US 5,159,199	10/27/92	LaBaw	250	339
<i>Fib</i>	AV	US 5,166,755	11/24/92	Gat	356	419
<i>Fib</i>	AW	US 5,206,699	04/27/93	Stewart et al.	356	30
<i>Fib</i>	AX	US 5,218,207	06/08/93	Rosenthal	250	341
<i>Fib</i>	AY	US 5,241,178	08/31/93	Shields	250	339
<i>Fib</i>	AZ	US 5,258,825	11/02/93	Reed et al.	356	402
<i>Fib</i>	BA	US 5,260,584	11/09/93	Popson et al.	250	571

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				Applicant Maczura et al.			
				Filing Date August 17, 2001		Group Art Unit 2877	
File	BB	US 5,272,518	12/21/93	Vincent	356	405	
File	BC	US 5,406,084	04/11/95	Tobler et al.	250	339.01	
File	BD	US 5,319,200	06/07/94	Rosenthal et al.	250	341	
File	BE	US 5,327,708	07/12/94	Gerrish	56	1	
File	BF	US 5,351,117	09/27/94	Stewart et al.	356	30	
File	BG	US 5,377,000	12/27/94	Berends	356	73	
File	BH	US 5,383,452	01/24/95	Buchert	128	633	
File	BI	US 5,406,084	04/11/95	Tobler et al.	250	339.01	
File	BJ	US 5,433,197	07/18/95	Stark	128	633	
File	BK	US 5,459,313	10/17/95	Schrader et al.	250	223 B	
File	BL	US 5,460,177	10/24/95	Purdy et al.	128	633	
File	BM	US 5,464,981	11/07/95	Squyres et al.	250	341.8	
File	BN	US 5,475,201	12/12/95	Pike	219	497	
File	BO	US 5,476,108	12/19/95	Dominguez et al.	131	108	
File	BP	US 5,480,354	01/02/96	Sadjadi	460	7	
File	BQ	US 5,489,980	02/06/96	Anthony	356	308	
File	BR	US 5,502,799	03/26/96	Tsuji et al.	395	131	
File	BS	US 5,510,619	04/23/96	Zachmann et al.	250	339.08	
File	BT	US 5,616,851	04/01/97	McMahon et al.	73	29.01	
File	BU	US 5,625,459	04/29/97	Driver	356	446	
File	BV	US 5,642,498	06/24/97	Kutner	395	509	
File	BW	US 5,676,143	10/14/97	Simonsen et al.	128	633	
File	BX	US 5,684,582	11/04/97	Eastman et al.	356	328	
File	BY	US 5,736,410	04/07/98	Zarling et al.	436	172	
File	BZ	US 5,745,234	04/28/98	Snail et al.	356	236	
File	CA	US 5,751,421	05/12/98	Wright et al.	356	328	
File	CB	US 5,784,158	07/21/98	Stanco et al.	356	326	
File	CC	US 5,808,305	09/15/98	Leidecker et al.	250	341.8	
File	CD	US 5,813,987	09/29/98	Modell et al.	600	473	

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<i>File</i>	CE	US 5,824,567	10/20/98	Shih et al.	438	73	
<i>File</i>	CF	US 5,847,825	12/08/98	Alexander	356	318	
<i>File</i>	CG	US 5,867,265	02/02/99	Thomas	356	328	
<i>File</i>	CH	US 5,872,655	02/16/99	Seddon et al.	359	588	
<i>File</i>	CI	US 5,880,826	03/09/99	Jung et al.	326	73	
<i>File</i>		US 5,884,775	03/23/99	Campbell	209	581	
<i>File</i>		US 5,953,119	09/14/99	Zigler et al.	356	326	

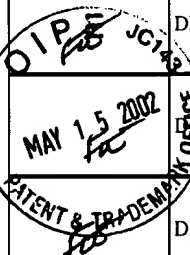
FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<i>File</i>	CL	WO 96/08710	03/21/96	PCT	—		X
<i>File</i>	CM	WO 98/11410	03/19/98	PCT	—		X
<i>File</i>	CN	WO 99/40419	08/12/99	PCT	—		X
<i>File</i>	CO	EP 0 491 131 A1	06/24/92	European Patent Application	—		X
<i>File</i>	CP	DE 3401475 A1	07/25/85	German	—		X
<i>File</i>	CQ	DE 2938844	04/23/81	German	—	English Abstract on the 1 st page	
<i>File</i>	CR	JP 6138043	05/20/94	Japan	—	English Abstract on the 1 st page	

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(Including Author, Title, Date, Pertinent Pages Etc.)

<i>File</i>	CS	Baird et al.; "Compact, Self-Contained Optical Spectrometer", Appl. Spec. v.49 (11): 1, (1997)
<i>File</i>	CT	Department of Biosystems and Agricultural Engineering, University of Minnesota, 1995 Annual Report Research.
<i>File</i>	CU	Ciurczak; Emil W. "Uses of Near-Infrared Spectroscopy in Pharmaceutical Analysis", Applied Spectroscopy Reviews 23(1 & 2), 147-163 (1987)
<i>File</i>	CV	Geladi et al.; "Linearization and Scatter-Correction for Near-Infrared Reflectance Spectra of Meat", Applied Spectroscopy, 39(3): 491-500, (1985)
<i>File</i>	CW	Goddu et al.; "Spectra- Structure Correlations for the Near-Infrared Region", Analytical Chemistry, 32(1): 140-142, (January 1960)
<i>File</i>	CX	Honigs et al.; "Near-Infrared Reflectance Analysis by Gauss-Jordan Linear Algebra", Applied Spectroscopy, 37(6): 491-497, (1983)
<i>File</i>	CY	Honigs et al.; "A New Method for Obtaining Individual Component Spectra from Those of Complex Mixtures", Applied Spectroscopy, 38(3): 317-322, (1984)

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		Filing Date August 17, 2001		Group Art Unit 2877	
fit	CZ	Josefson et al.; "Optical Fiber Spectrometry in Turbid Solutions by Multivariate Calibration Applied to Tablet Dissolution Testing", Anal. Chem. 60: 2666-2671, (1988)			
fit	DA	Keefe P. D.; "A Dedicated Wheat Grain Image Analyser", Plant Varieties and Seeds, 5:27-33, (1992)			
	DB	Kisner and Brown, "Multiple Analytical Frequencies and Standard for the Least-Squares Spectrometric Analysis of Serum Lipids", Anal. Chem. 55:1703-1707, (1983)			
	DD	Lutton Christine.; "Cyberfarm", Forbes, July 15, 1996			
fit	DE	Mosen et al.; "Determination of Impurities in Helium by Gas Chromatography", Analytical Chemistry, 32(1): 141-142, (1960)			
fit	DF	Nyden et al.; "Spectroscopic Quantitative Analysis of Strongly Interacting Systems: Human Plasma Protein Mixtures", Applied Spectroscopy, 42 (4): 588-594, (1988)			
fit	DG	Norris et al.; "Predicting Forage Quality Infrared Reflectance Spectroscopy", Journal of the Animal Science 43 (4): 889-897, (1976)			
fit	DH	Osborne and Fearn; "Discriminant Analysis of Black Tea by Near Infrared Reflectance Spectroscopy", Food Chemistry 29 (1): 233-238, (1988)			
fit	DI	Schneider et al.; "Fiber-Optic Near Infrared Reflectance Sensor For Detection of Organics in Soils", IEEE Photonics Technology Letters 7(1): 87-89, (1995)			
fit	DJ	Stark and Luchter; "Near Infrared Analysis (NIRA): A Technology for Quantitative and Qualitative Analysis", Applied Spectroscopy Reviews 22(4): 335-399, (1986)			
fit	DK	Starr et al.; "Applications of Near Infrared Reflectance Analysis in Breeding Wheats for Bread-making Quality", Near Infrared Analysis- Today and Tomorrow?, Anal. Proc., 20: 72-74, (February 1983)			
fit	DL	Watson, C. A. ; "Near Infrared Reflectance Spectrophotometric Analysis of Agricultural Products", Analytical Chemistry 49(9): 835A-839, (August 1977)			
fit	DM	Wetzel L. David; "Near -Infrared Reflectance Analysis: Sleeper Among Spectroscopic Techniques", Analytical Chemistry 55(12): 1165A-1175A, (October 1983)			
fit	DN	Winch and Major; "Predicting Nitrogen and Digestibility of Forage Using Near Infrared Reflectance Photometry", Can. J. Plant Sci. 61:45-51, (Jan. 1981)			
fit	DO	Better Crops With Plant Food(Journal), Volume 81 No. 4, (1997)			
fit	DP	Yamamoto et al.; "Detection of Metals in the Environment Using a Portable Laser-Induced Breakdown Spectroscopy Instrument", Appl. Spec. V. 50(2) Abstract Only, (1997)			
fit	DP	Rhea Corporation; "Suppliers of Krestrel™ brand Systems for Imaging Spectroscopy", Rhea Corporation Information Sheet September 22, 1997			

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	DQ	Perstorp Analytical Information Sheet, www.i-way.net.uk/sinar/product
	DR	Fundamentals Near Infrared Instrumentation , Infrared Detectors information sheet
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FE	EG 4,729,247	03/08/88	Brown	—	—	
FE	EH 4,968,143	11/06/90	Weston	—	—	
FE	EI 5,335,067	08/02/94	Prather et al.	—	—	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
FE	EJ EP 0 806 653 B1	05/09/01	EPO	—	—		
FE	EK GB 2 084 723 A	04/15/82	UK	—	—		
FE	EL JP 11-83627		Japan	—	—		

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